

Name \_\_\_\_\_

Date \_\_\_\_\_

## **Quiz**

### **Chemical Reactions**



#### **True or False? Circle T or F**

1. When something burns, heat and light are given off. T or F
2. When water is decomposed into hydrogen and oxygen, these gases cannot combine again to reform water. T or F
3. Electrical energy is required to decompose water into hydrogen and oxygen. T or F
4. A cold pack feels cold because the chemical reaction absorbs heat. T or F
5. The salt you put on your food is a compound made from two poisonous elements. T or F
6. When vinegar and baking soda combine, the chemical reaction absorbs energy. T or F

#### **Multiple Choice: Circle the letter of the best answer.**

7. Which one of the following elements would not be found in the same part of the periodic table as the other three?
  - A Sodium
  - B Helium
  - C Potassium
  - D Calcium
8. Which of the following does NOT happen when vinegar and baking soda react?
  - A Carbon dioxide gas is produced
  - B The reaction can clean metals
  - C The reaction feels cool
  - D The reaction can be used as a fire extinguisher

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